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Vol V, No 5

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B. Ya. Sveshnikov, 3 pp.

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Vol V, No 5

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On Carbon Phenomena, Observable During Deformation of Single Crystals of Antimony, by L. M. Soifer, V. I. Startsev, 3 pp.

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in the Spectrum of the Nightglow of the Sky, by
L. M. Fishkova, G. V. Markova, 3 pp.

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No 4, 1960, pp 799-.

AIP
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Vol V, No 5

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Effect of Neutron Bombardment on the Fine
Crystal Structure and Properties of Metals
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FTD MCL-1123/1 ÷ 2

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Rubinshtein, A. M., Sloverskaya, K. I., and
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CHEMISORPTION OF ISOPENTANE ON ALUMINA-
CHROMIA-POTASSIA CATALYSTS. [1961] 5p.

Order from ATS \$7.50

ATS-88N48R

Trans. of Akad[emiya] Nauk SSSR, Doklady, 1960,
v. 134, no. 4, p. 836-839.

DESCRIPTORS: *Pentanes, *Catalysts, Cyclopentanes,
Adsorption, Surface properties, Aluminum compounds,
Chromium compounds, Potassium compounds, Oxides.

(Chemistry--Physical, TT, v. 6, no. 8)

61-25195

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- I. Rubinshtein, A. M.
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Orange, N. J.

also OTS 61-18599

15217

Office of Technical Services

Entelis, S.G., Korovina, G.V. and Chirkov, N.M.
THERMODYNAMIQUE DE L'ADSORPTION DE PRO-
PYLENE PAR LE SYSTEME $H_2SO_4 - H_2O$ (Termodina-
mika Adsorptsii Propilena Sistemoi $H_2SO_4 - H_2O$)
(The Thermodynamics of Propylene Adsorption by the
 $H_2SO_4 - H_2O$ system) 16p. (Foreign text included)
12 refs. CNRS-VIII bis 622
Order from QTS, ETC or CNRS \$0.80 TT-62-28288

Trans. in French of Akademiya Nauk SSSR, Doklady,
1960, v.134, no.4, p.856-859.

DESCRIPTORS: Sulfuric acid, Water *Propenes, Ad-
sorption, Thermodynamics.

(Chemistry--Physical, TT, v. 11, no. 6)

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Kinetic Isotope Effects of F_2 in the Liquid-Phase
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OTS 62-4323

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Chemical Displacement of the Nuclear Magnetic
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The Autocatalytic Nature of the Martensite Transformation, by O. P. Maksimova, N. P. Soboleva, E. I. Estrin, 6 pp.

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JPRS 6913

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...Pamir); by T. G. Belyayeva, 5 pp.

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(NY-5659)

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JPRS 7787

Sci - Phys
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(HI-5659)

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JPRS 7788

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Flow of a Viscoplastic Medium Between Rotating Disks,
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JPRS 7789

Sci - Phys
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(Chemistry--Organic, TT, v. 6, no. 7)	Office of Technical Services

Kargin, V. A., Kabanov, V. A. and others.
POLYMERIZATION OF ACETONE, tr. by I. Gawronska.
9 Mar 61, 4p. 8 refs. Courtaulds Misc. Lit. 3282;
[DSIR LLU] M. 3203.
Order from OTS or SLA \$1. 10 61-27645

Trans. of Akademiya Nauk SSSR. Doklady, 1960,
v. 134, no. 5, p. 1098-1099.

DESCRIPTORS: *Polymerization, *Acetones.

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that by applying the principle of preliminary orientation
of monomer molecules in the reaction system it is
possible to polymerize substances, which do not poly-
merize under normal conditions. In this case the ori-
entation was obtained by crystallization of the monomer.
The conditions, favouring kinetically the formation of
polymer chains from the oriented monomer molecules,
(Chemistry--Organic, TT, v. 6, no. 11) (over)

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V. Courtaulds Ltd.
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188732

Office of Technical Services

The Intensity of the Infrared Absorption of the
Carbonyl Group in Sydnones and Tropone and the
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Order from OTS, ETC or CNRS \$0.85
Trans. in French of Akademiya Nauk SSSR. /Doklady,
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DESCRIPTORS: *Explosive materials, Combustion.

(Materials, TT, v. 11, no. 6)

TT-62-26380

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Dzhabarova, Kh. S.
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Order from ATS \$6.00 ATS-21NSOR

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DESCRIPTORS: *Plants, USSR.

(Biological Sciences--Botany, TT, v. 6, no. 1)

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161854

Office of Technical Services

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FLUORESCENCE IN GREEN PHOTOSYNTHESIZING
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147 007

61-10351

1. Plant pigments--Properties
2. Bacteria--Luminescence
3. Photosynthesis--Analysis
4. Title: Bacterioviridin

- I. Krasnovskiy, A. A.
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(Biological Sciences--Microbiology, TT, v. 5, no. 5)

Glutaminase Content of Different Parts of the
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